Additional file 14: Results of WHO cone tests with wild *An. gambiae* s.l. from Yaokoffikro

Wild *An. gambiae* s.l. adults were obtained from larval collections at natural breeding sites in Yaokoffikro (38 km south of the M'Bé station). Larvae were transferred to a laboratory at the Institut Pierre Richet (IPR) in Bouaké for rearing to adults, and provided with a diet of Tetra Mikromin fish food until adult emergence. WHO susceptibility tests were performed on 2- to 5-day -old unfed wild-caught females reared from larval collections, using standard WHO test kits and protocols for adult mosquitoes. In brief, papers impregnated with 0.05% deltamethrin, 0.75% permethrin, and 4% DDT were sourced from WHO. Batches of 20 - 25 females were exposed to impregnated papers in WHO test tubes for 1 hour with at least four replicates per bioassay and concurrent negative controls with corresponding insecticide-free papers. After 60 min mosquitoes were transferred to holding containers with access to a 10% honey solution. Results are shown in Figure 14.1.



